

Title (en)  
System and associated methods for software assembly

Title (de)  
System und zugehörige Verfahren zur Softwarezusammenstellung

Title (fr)  
Système et méthodes associées pour assemblage de logiciel

Publication  
**EP 1492000 A2 20041229 (EN)**

Application  
**EP 04253799 A 20040625**

Priority  
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Abstract (en)  
A method of creating an application comprising creating a plurality of nodes (400), each node being capable of receiving data, processing that data within the node (400) according to a set of predetermined rules and making an output. The method further comprises creating a specification (300) that defines how the nodes (400) interact with one another and defines resources useable by the nodes (400) and providing a run time environment that interconnects the nodes (400) according to the specification (300). Data input to the application is processed by one or more of the nodes and, if further processing is required, forwarded to other nodes for that further processing. The nodes may comprise layers to perform different processes. The nodes may comprise code which may be predetermined.  
The system has a node creation unit to create a code specifying nodes. Each node processes data (310) according to a set of preset rules, and generates results (312). A linking unit connects the nodes such that the data passes between the nodes. The linking unit interacts with the node creation unit to modify the code. A deployment unit deploys an application according to a blueprint (300) defined by a specification unit. Independent claims are also included for the following: (a) a method of creating an application (b) a machine readable medium containing instructions that provide a data structure (c) a program for a computer arranged to cause the computer to perform a method of creating an application.

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**G06F 9/44**

IPC 8 full level  
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CPC (source: EP US)  
**G06F 8/30** (2013.01 - EP US); **G06F 8/60** (2013.01 - EP US); **G06F 9/4494** (2018.01 - EP US)

Cited by  
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